Approved for use through 07/31/2006. OMB 0651-0031-U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Application Number 09/283,431 Filing Date TRANSMITTAL 04/01/1999 First Named Inventor **FORM** Zhou Art Unit 1635 **Examiner Name** K.A. Lacourciere (to be used for all correspondence after initial filing) **Attorney Docket Number** 0047508-00423 Total Number of Pages in This Submission **ENCLOSURES** (Check all that apply) After Allowance Communication to TC Fee Transmittal Form Drawing(s) Appeal Communication to Board Licensing-related Papers Fee Attached of Appeals and Interferences Appeal Communication to TC 1 Petition (Appeal Notice, Brief, Reply Brief) Amendment/Reply Petition to Convert to a Proprietary Information After Final Provisional Application Power of Attorney, Revocation Status Letter Affidavits/declaration(s) Change of Correspondence Address Other Enclosure(s) (please Identify **Terminal Disclaimer Extension of Time Request** below): Request for Refund - Postcard **Express Abandonment Request** CD, Number of CD(s) Information Disclosure Statement Landscape Table on CD Certified Copy of Priority Remarks Document(s) Reply to Missing Parts/ Incomplete Application Reply to Missing Parts under 37 CFR 1.52 or 1.53

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Name Wilmer Cutler Rickering Hale and Dorr LLP Signature Printed name James T. Olesen Date Reg. No. 11/22/2004 46,967

CERTIFICATE OF TRANSMISSION/MAILING

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Signature

Typed or printed name

Marijke Abbes

Date

11/22/2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/17 (10-04)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE U.S. DEPA **TRANSMIT**

for FY 2005

Effective 10/01/2004. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

235.00 **TOTAL AMOUNT OF PAYMENT** (\$)

Complete if Known		
Application Number	09/283,431	
Filing Date	04/01/1999	
First Named Inventor	Zhou	
Examiner Name	K.A. Lacourciere	
Art Unit	1635	
Attorney Docket No.	0047508-00423	

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)	
Check Credit card Money Other None	3. ADDITIONAL FEES	
Deposit Account:	Large Entity Small Entity	
Donocit	Fee Fee Fee Fee Description Code (\$) Fee Paid	
Account Number	Code (\$) Code: (\$) Fee Paid 1051 430 2051 65 Surcharge - late filling fee or oath	
Deposit Account Wilmer Cutler Pickering Hale and	1052 50 2052 25 Surcharge - late provisional filing fee or cover sheet	
Name DOITTIP The Director is authorized to: (check all that apply)	1053 130 1053 130 Non-English specification	
Charge fee(s) indicated below Credit any overpayments	1812 2,520 1812 2,520 For filing a request for ex parte reexamination	
Charge any additional fee(s) or any underpayment of fee(s)	1804 920* 1804 920* Requesting publication of SIR prior to	
Charge fee(s) indicated below, except for the filling fee to the above-identified deposit account.	1805 1,840* 1805 1,840* Requesting publication of SIR after Examiner action	
FEE CALCULATION	1251 110 2251 55 Extension for reply within first month 55.00	
1. BASIC FILING FEE	1252 430 2252 215 Extension for reply within second month	
Large Entity Small Entity	1253 980 2253 490 Extension for reply within third month	
Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$)	1254 1,530 2254 765 Extension for reply within fourth month	
1001 790 2001 395 Utility filing fee	1255 2,080 2255 1,040 Extension for reply within fifth month	
1002 350 2002 175 Design filing fee	1401 340 2401 170 Notice of Appeal	
1003 550 2003 275 Plant filing fee	1402 340 2402 170 Filing a brief in support of an appeal	
1004 790 2004 395 Reissue filing fee	1403 300 2403 150 Request for oral hearing	
1005 160 2005 80 Provisional filing fee	1451 1,510 1451 1,510 Petition to institute a public use proceeding	
SUBTOTAL (1) (\$) 0.00	1452 110 2452 55 Petition to revive - unavoidable	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1453 1 330 2453 665 Petition to revive - unintentional	
Fee from	1501 1,370 2501 685 Utility issue fee (or reissue)	
Extra Claims below Fee Paid Total Claims -20** = X	1502 490 2502 245 Design issue fee 1503 660 2503 330 Plant issue fee	
Independent - 3** = X =		
Multiple Dependent		
Large Entity Small Entity		
Fee Fee Fee Fee Fee Description Code (\$) Code (\$)	8034 40 Recording each patent assignment per	
1202 18 2202 9 Claims in excess of 20	property (times number of properties)	
1201 88 2201 44 Independent claims in excess of 3	1809 790 2809 395 Filing a submission after final rejection (37 CFR 1.129(a)).	
1203 300 2203 150 Multiple dependent claim, if not paid	1810 790 2810 395 For each additional invention to be	
1204 88 2204 44 ** Reissue independent claims over original patent	examined (37 CFR 1.129(b)) 1801 # 790 2801 # 395 Request for Continued Examination (RCE)	
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802 900 Request for expedited examination of a design application	
SUBTOTAL (2) (\$) 0.00	Other fee (specify)	
**or number previously paid, if greater, For Reissues, see above *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 235.00		
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SUBMITTED BY (Complete (if applicable)) Registration No. Name (Print/Type) James T. Atesen 46,967 Telephone 617-526-6045 11/22/2004

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